



Fort Detrick and National Interagency Confederation for Biological Research (NICBR)

Bechtel ACE

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ACE Mentoring Program

A Way Forward...

career directions for students in architecture, construction and engineering



Frederick Chapter

Presented by:

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Why and How ?

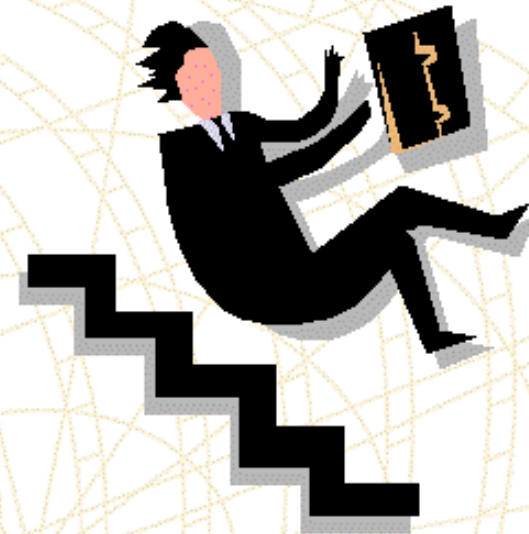
career directions for students in architecture, construction and engineering

Why are students not pursuing degrees in A-C-E?

- ❖ Lack of knowledge
- ❖ Lack of encouragement
- ❖ Afraid to fail

ACE National

- ❖ Birth of ACE
- ❖ Mission of ACE – “mentor,” inspire and motivate
- ❖ 86 cities, expected to grow to 150
- ❖ 20,500 students introduced to A-C-E careers
- ❖ Provides affiliates infrastructure, guidelines, mentors, and materials





Who, Where, and When?

career directions for students in architecture, construction and engineering

ACE Frederick Chapter

- ✔ Launched in 2005
- ✔ Students from all 9 Frederick County high schools
- ✔ 15+ mentors from Bechtel and 5 or more guest speakers/presenters
- ✔ 36 students completed the program last year
- ✔ Currently have 47 this year
- ✔ Meet at Bechtel, 15 times throughout the year

What ?

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Program Consists of:

✔ Introduction to technical side of “building industry”

- Management
- Engineering
- Architecture
- Construction



✔ Hands-on exercises and activities

✔ Team projects – Plan, design, estimate, schedule and model

- Role play in project positions
- Presentation, sell their project



Benefits

career directions for students in architecture, construction and engineering

▼ Student:

- Career guidance
- Business connections
- Challenges
- Encouragement
- Role models
- Internship opportunities
- Scholarship opportunities

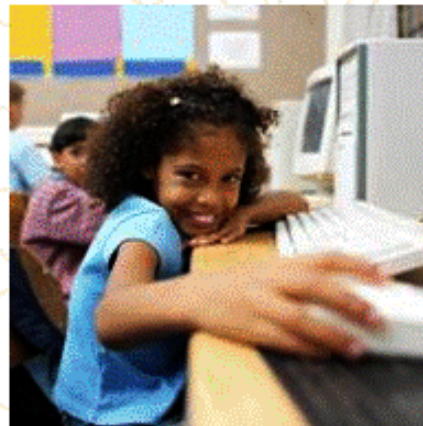
▼ Business:

- Give back to the community
- Networking in community and with businesses on a national level
- Begin recruitment of future workforce
- Connection to local schools, colleges, and universities

Big Picture Benefits

career directions for students in architecture, construction and engineering

- Improve talent supply to meet the future demand
- Work together to share the responsibility to meet the future
 - Schools, colleges, and universities
 - Businesses
 - Students
 - Parents



Conclusion

career directions for students in architecture, construction and engineering

- Brochure
- Web Site – www.acementor.org

